

## ABSTRACT

A lithographic projection apparatus for EUV lithography includes a foil trap. The foil trap forms an open structure after the EUV source to let the EUV radiation pass unhindered. The foil trap is configured to be rotatable around an optical axis. By rotating the foil trap, an impulse transverse to the direction of propagation of the EUV radiation can be transferred on debris present in the EUV beam. This debris will not pass the foil trap. In this way, the amount of debris on the optical components downstream of the foil trap is reduced.